

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/555,074  
Source: PCT  
Date Processed by STIC: 11/08/2005

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 11/08/2005

PATENT APPLICATION: US/10/555,074

TIME: 12:52:31

Input Set : A:\seqlisting.txt

Output Set: N:\CRF4\11082005\J555074.raw

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2 <110> APPLICANT: JAPAN SCIENCE AND TECHNOLOGY AGENCY
4 <120> TITLE OF INVENTION: Human antibody against human interleukin-18, the
5   antibody fragment, and the use thereof
7 <130> FILE REFERENCE: A211-04PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/555,074
C--> 9 <141> CURRENT FILING DATE: 2005-10-28
9 <150> PRIOR APPLICATION NUMBER: JP 2003-125948
10 <151> PRIOR FILING DATE: 2003-04-30
12 <160> NUMBER OF SEQ ID NOS: 12
14 <170> SOFTWARE: PatentIn Ver. 2.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 357
18 <212> TYPE: DNA
19 <213> ORGANISM: Homo sapiens
21 <400> SEQUENCE: 1
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23 tcctgcaagg catctggata caccttcaact agtcactata tacactgggt gcgacaggcc 120
24 cctggacaag ggcttgagtg ggtggcaata atcaacccta gtgatggcag aacagactac 180
25 gcacagaagt tccagggcag agtcaccgtg accaggggaca cgtccgcgag cagtgtctac 240
26 atgggaataa gcagcctgag atctgaggac acggccatgt attactgtgc gagaacagcg 300
27 cgtggattca gttatgcgac agactggggc cagggaaccc tggtcaccgt ctctctca 357
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 357
32 <212> TYPE: DNA
33 <213> ORGANISM: Homo sapiens
35 <220> FEATURE:
36 <221> NAME/KEY: CDS
37 <222> LOCATION: (1)..(357)
39 <400> SEQUENCE: 2
40 cag gtg cag ctg gtg cag tct ggg gct gag gtg agg agg cct ggg gcc 48
41 Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Arg Arg Pro Gly Ala
42 1 5 10 15
44 tca gtg agg gtt tcc tgc aag gca tct gga tac acc ttc act agt cac 96
45 Ser Val Arg Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser His
46 20 25 30
48 tat ata cac tgg gtg cga cag gcc cct gga caa ggg ctt gag tgg gtg 144
49 Tyr Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Val
50 35 40 45
52 gca ata atc aac cct agt gat ggc aga aca gac tac gca cag aag ttc 192
53 Ala Ile Ile Asn Pro Ser Asp Gly Arg Thr Asp Tyr Ala Gln Lys Phe
54 50 55 60
56 cag ggc aga gtc acc gtg acc agg gac acg tcc gcg agc agt gtc tac 240
57 Gln Gly Arg Val Thr Val Thr Arg Asp Thr Ser Ala Ser Ser Val Tyr

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58 65          70          75          80
60 atg gga ata agc agc ctg aga tct gag gac acg gcc atg tat tac tgt 288
61 Met Gly Ile Ser Ser Leu Arg Ser Glu Asp Thr Ala Met Tyr Tyr Cys
62          85          90          95
64 gcg aga aca gcg cgt gga ttc agt tat gcg aca gac tgg ggc cag gga 336
65 Ala Arg Thr Ala Arg Gly Phe Ser Tyr Ala Thr Asp Trp Gly Gln Gly
66          100          105          110
68 acc ctg gtc acc gtc tcc tca 357
69 Thr Leu Val Thr Val Ser Ser
70          115
73 <210> SEQ ID NO: 3
74 <211> LENGTH: 119
75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 3
79 Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Arg Arg Pro Gly Ala
80 1          5          10          15
82 Ser Val Arg Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser His
83          20          25          30
85 Tyr Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Val
86          35          40          45
88 Ala Ile Ile Asn Pro Ser Asp Gly Arg Thr Asp Tyr Ala Gln Lys Phe
89          50          55          60
91 Gln Gly Arg Val Thr Val Thr Arg Asp Thr Ser Ala Ser Ser Val Tyr
92 65          70          75          80
94 Met Gly Ile Ser Ser Leu Arg Ser Glu Asp Thr Ala Met Tyr Tyr Cys
95          85          90          95
97 Ala Arg Thr Ala Arg Gly Phe Ser Tyr Ala Thr Asp Trp Gly Gln Gly
98          100          105          110
100 Thr Leu Val Thr Val Ser Ser
101          115
105 <210> SEQ ID NO: 4
106 <211> LENGTH: 5
107 <212> TYPE: PRT
108 <213> ORGANISM: Homo sapiens
110 <400> SEQUENCE: 4
111 Ser His Tyr Ile His
112 1          5
115 <210> SEQ ID NO: 5
116 <211> LENGTH: 17
117 <212> TYPE: PRT
118 <213> ORGANISM: Homo sapiens
120 <400> SEQUENCE: 5
121 Ile Ile Asn Pro Ser Asp Gly Arg Thr Asp Tyr Ala Gln Lys Phe Gln
122 1          5          10          15
124 Gly
128 <210> SEQ ID NO: 6
129 <211> LENGTH: 10
130 <212> TYPE: PRT

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131 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 6
134 Thr Ala Arg Gly Phe Ser Tyr Ala Thr Asp
135   1           5           10
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139 <211> LENGTH: 327
140 <212> TYPE: DNA
141 <213> ORGANISM: Homo sapiens
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145 acctgctctg gagatgcatt gccaaaaaaa tatgcttatt ggtaccagca gaagccaggc 120
146 caggccccctg tgctgggtgat atataaagac agtgagaggc cctcagggat ccctgagcga 180
147 ttctctggct ccagctcagg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240
148 gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300
149 ggaggggaccc agctcaccgt tttaggt 327
152 <210> SEQ ID NO: 8
153 <211> LENGTH: 327
154 <212> TYPE: DNA
155 <213> ORGANISM: Homo sapiens
157 <220> FEATURE:
158 <221> NAME/KEY: CDS
159 <222> LOCATION: (1)..(327)
161 <400> SEQUENCE: 8
162 tcc tat gag ctg act cag cca ccc tcg gtg tca gtg tcc cca gga caa 48
163 Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
164   1           5           10           15
166 acg gcc agg atc acc tgc tct gga gat gca ttg cca aaa aaa tat gct 96
167 Thr Ala Arg Ile Thr Cys Ser Gly Asp Ala Leu Pro Lys Lys Tyr Ala
168   20           25           30
170 tat tgg tac cag cag aag cca ggc cag gcc cct gtg ctg gtg ata tat 144
171 Tyr Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr
172   35           40           45
174 aaa gac agt gag agg ccc tca ggg atc cct gag cga ttc tct ggc tcc 192
175 Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
176   50           55           60
178 agc tca ggg aca aca gtc acg ttg acc atc agt gga gtc cag gca gaa 240
179 Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
180 65           70           75           80
182 gac gag gct gac tat tac tgt caa tca gca gac agc agt ggt act tat 288
183 Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
184   85           90           95
186 gtg gta ttc ggc gga ggg acc cag ctc acc gtt tta ggt 327
187 Val Val Phe Gly Gly Gly Thr Gln Leu Thr Val Leu Gly
188   100          105
191 <210> SEQ ID NO: 9
192 <211> LENGTH: 109
193 <212> TYPE: PRT
194 <213> ORGANISM: Homo sapiens
196 <400> SEQUENCE: 9

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197 Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
198   1           5           10           15
200 Thr Ala Arg Ile Thr Cys Ser Gly Asp Ala Leu Pro Lys Lys Tyr Ala
201           20           25           30
203 Tyr Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr
204           35           40           45
206 Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
207           50           55           60
209 Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
210  65           70           75           80
212 Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
213           85           90           95
215 Val Val Phe Gly Gly Gly Thr Gln Leu Thr Val Leu Gly
216           100           105
220 <210> SEQ ID NO: 10
221 <211> LENGTH: 11
222 <212> TYPE: PRT
223 <213> ORGANISM: Homo sapiens
225 <400> SEQUENCE: 10
226 Ser Gly Asp Ala Leu Pro Lys Lys Tyr Ala Tyr
227   1           5           10
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231 <211> LENGTH: 7
232 <212> TYPE: PRT
233 <213> ORGANISM: Homo sapiens
235 <400> SEQUENCE: 11
236 Lys Asp Ser Glu Arg Pro Ser
237   1           5
240 <210> SEQ ID NO: 12
241 <211> LENGTH: 11
242 <212> TYPE: PRT
243 <213> ORGANISM: Homo sapiens
245 <400> SEQUENCE: 12
246 Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
247   1           5           10
251 1/10

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**VERIFICATION SUMMARY**

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date